

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"362".clas. and laser and oscillator	US-PGPUB; USPAT	ADJ	ON	2009/07/01 11:32
L2	4592	"362".clas. and laser	US-PGPUB; USPAT	ADJ	ON	2009/07/01 11:32
L3	0	"362".clas. and laser and (cavity?dump\$ or (cavity with dump\$)) and oscillator	US-PGPUB; USPAT	ADJ	ON	2009/07/01 11:32
L4	0	"362".clas. and laser and (cavity?dump\$ or (cavity with dump\$))	US-PGPUB; USPAT	ADJ	ON	2009/07/01 11:33
L5	126	"362".clas. and laser and oscillator	US-PGPUB; USPAT	ADJ	ON	2009/07/01 11:34
L6	0	"362".clas. and laser and oscillator and (cavity with dump\$)	US-PGPUB; USPAT	ADJ	ON	2009/07/01 11:34
L7	0	"362".clas. and laser and (oscillator same femto\$8)	US-PGPUB; USPAT	ADJ	ON	2009/07/01 11:35
S1	1	US-5520679-\$.DID.	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:00
S2	1	"7128737".did.	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:00
S3	0	US-1974648-\$.DID.	EPO; DERWENT	ADJ	ON	2009/05/30 22:01
S4	0	US-1974648-\$.DID.	EPO; DERWENT	ADJ	ON	2009/05/30 22:01
S5	2	\$-1974648-\$.DID.	EPO; DERWENT	ADJ	ON	2009/05/30 22:01
S6	6	US-6623476-\$.DID. OR US-4901718-\$.DID. OR US-5984916-\$.DID. OR US-4907586-\$.DID. OR US-6325792-\$.DID. OR US-6146375-\$.DID.	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:02
S7	359630	laser	EPO; DERWENT	ADJ	ON	2009/05/30 22:02
S8	359630	laser	EPO; DERWENT	ADJ	ON	2009/05/30 22:03
S9	23809	(femtosecond or fs) with laser	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:09
S10	266	cavity?dumped or cavity dumped	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:09

S11	32	(cavity?dumped or cavity dumped) with oscillator	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:10
S12	19	S9 and S11	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:10
S13	171	photodisruption	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:11
S14	207	photodisrupt\$	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:12
S15	2144332	machining or cut\$ or ablat\$ or etch\$	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:12
S17	3112582	machin\$ or cut\$ or ablat\$ or etch\$	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:13
S18	15460	S9 and S17	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:13
S19	17	S9 and S17 and S11	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:13
S20	3	(cavity?dumped or cavity dumped) with oscillator with (femtosecond or fs)	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:15
S21	95	(cavity?dumped or cavity dumped or opo or optical parametric oscillator) with oscillator with (femtosecond or fs)	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:22
S22	244	((((cavity?dumped or cavity dumped) with oscillator) or opo or optical parametric oscillator) with (femtosecond or fs)	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:23
S23	24278	((femtosecond or fs) with laser) or (laser same ((femtosecond or fs) with pulse))	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:24
S24	93	S23 and S22	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:24
S25	61	S23 and S22 and S17	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:24

S26	38	("3549733"   "4289952"   "4752668"   "4835361"   "4973160"   "5033853"   "5093549"   "5103841"   "5243589"   "5248877"   "5265109"   "5280491"   "5290992"   "5324281"   "5329090"   "5349155"   "5377043"   "5383198"   "5396362"   "5410125"   "5432151"   "5461234"   "5489984"   "5541947"   "5585020"   "5656186"   "5720894"   "5730924"   "5757839"   "5761111"   "5786560"   "5984916"   "RE37585").PN. OR ("6489589").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/05/30 22:36
S27	6	US-6623476-\$.D.ID. OR US-4901718-\$.D.ID. OR US-5984916-\$.D.ID. OR US-4907586-\$.D.ID. OR US-6325792-\$.D.ID. OR US-6146375-\$.D.ID.	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:55
S28	0	S27 and S22	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:55
S29	0	S27 and S22	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:55
S30	3	S27 and S23	US-PGPUB; USPAT	ADJ	ON	2009/05/30 22:55
S31	0	"10501679"	US-PGPUB; USPAT	ADJ	ON	2009/05/30 23:00
S32	2353686	controller or program\$ or computer or \$processor	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:35
S33	3311458	fs	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:36
S34	8835	(femtosecond or fs ) with (oscillator)	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:36
S35	633092	laser	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:36
S36	1228	S35 and S34 and S32	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:36

S37	123185	(controller or program\$ or computer or \$processor) same (beam or lasr)	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:38
S38	513	S35 and S34 and S37	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:51
S39	8835	((femtosecond or fs) with (oscillator))	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:56
S40	8835	(fs or femtosecond) with (oscillator)	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:59
S41	513	S40 and S37 and S35	US-PGPUB; USPAT	ADJ	ON	2009/06/22 15:59
S42	351	(( femtosecond) with (oscillator))	US-PGPUB; USPAT	ADJ	ON	2009/06/22 16:00
S43	122	((femtosecond) with (oscillator)) and S35 and S37	US-PGPUB; USPAT	ADJ	ON	2009/06/22 16:01
S44	129	("4087672"   "4114018"   "4464761"   "4579430"   "4630274"   "4665913"   "4675500"   "4727381"   "4729372"   "4732473"   "4733660"   "4764930"   "4838679"   "4839493"   "4848340"   "4881808"   "4901718"   "4907586"   "4925523"   "4930505"   "4942586"   "4988348"   "5062702"   "5093548"   "5098426"   "5141506"   "5207668"   "5208437"   "5219343"   "5235606"   "5246435"   "5269778"   "5289407"   "5312396"   "5335258"   "5348018"   "5389786"   "5454902"   "5558789"). PN. OR ("5656186"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 16:07
S45	19	S44 and S34	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 16:12

S46	17	("4270130"   "4641924"   "4847138"   "5157674"   "5178978"   "5253198"   "5285517"   "5289407"   "5325324"   "5627933"   "5656186"   "5675691"   "5761111"   "5841928"   "5919607"   "5978538"   "6075625").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 16:16
S47	1	S46 and S34	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 16:16
S48	3	("5656186"   "5720894"   "5736709").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 16:18
S49	2	S48 and S34	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 16:18
S50	1	US-5520679-\$.DID.	EPO; DERWENT	ADJ	ON	2009/06/22 16:24
S51	1	US-5870421-\$.DID.	EPO; DERWENT	ADJ	ON	2009/06/22 16:25
S52	1	US-4646308-\$.DID.	US-PGPUB; USPAT	ADJ	ON	2009/06/22 16:27
S53	15203	program\$ with (beam or laser)	US-PGPUB; USPAT	ADJ	ON	2009/06/25 17:18
S54	27202	program\$ with (beam or laser)	US-PGPUB; USPAT	ADJ	ON	2009/06/25 17:18
S55	327	program\$ with (beam or laser) and 606/4-6. ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 17:19
S56	1	"6333485".pn. and (computer or \$processor or program or control)	US-PGPUB; USPAT	ADJ	ON	2009/06/25 17:22
S57	0	"10501679" and working	US-PGPUB; USPAT	ADJ	ON	2009/06/25 17:37
S58	0	"10501679" and working	US-PGPUB; USPAT	ADJ	ON	2009/06/25 17:41
S59	0	"10501679"	US-PGPUB; USPAT	ADJ	ON	2009/06/25 17:41
S60	1	"4665913".pn. and scan \$	US-PGPUB; USPAT	ADJ	ON	2009/06/25 17:58
S61	1	"4665913".pn. and pattern	US-PGPUB; USPAT	ADJ	ON	2009/06/25 18:04
S62	1	"4665913".pn. and repet \$	US-PGPUB; USPAT	ADJ	ON	2009/06/25 18:05
S63	1	"6333485".pn. and scan \$	US-PGPUB; USPAT	ADJ	ON	2009/06/25 18:07

S64	1	"6333485".pn. and x-y	US-PGPUB; USPAT	ADJ	ON	2009/06/25 18:08
S65	0	"6333485".pn. and deflect\$	US-PGPUB; USPAT	ADJ	ON	2009/06/25 18:08
S66	1	"6333485".pn. and mirror	US-PGPUB; USPAT	ADJ	ON	2009/06/25 18:08
S67	1	"6333485".pn. and scan \$	US-PGPUB; USPAT	ADJ	ON	2009/06/25 18:08
S68	0	"6333485".pn. and detector	US-PGPUB; USPAT	ADJ	ON	2009/06/25 19:23
S69	1	"4665913".pn. and time?va\$	US-PGPUB; USPAT	ADJ	ON	2009/06/25 19:32
S70	5868	(adjust\$ or chang\$ or vary\$) with repetition with rate	US-PGPUB; USPAT	ADJ	ON	2009/06/25 20:53
S71	47	((adjust\$ or chang\$ or vary\$) with repetition with rate) and 606/4-6. ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 20:54
S72	4	((((adjust\$ or chang\$ or vary\$) with repetition with rate) same (femtosecond or fs)) and 606/4-6.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 21:18
S73	89	spot same (repetition with rate) and 606/4-6. ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 21:21
S74	53	spot with (repetition with rate) and 606/4-6. ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 21:26
S75	13	spot with (proportional or relation\$ or depend \$) with (repetition with rate) and 606/4-6.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 21:27
S76	0	((adjust\$ or chang\$ or vary\$) with repetition with rate) and "6,610,049".pn.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 21:42
S77	1	(repetition with rate) and "6,610,049".pn.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 21:42
S79	2	((repetition with rate) with (change or relation \$ or vary\$ or modify\$ or adjust\$) (pattern or profile) )and 606/4-6. ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 21:51

S80	2	((repetition with rate) same (change or relation\$ or vary\$ or modify\$ or adjust\$) (pattern or profile) ) and 606/4-6.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 22:11
S82	6	((repetition with rate) with (change or relation \$ or vary\$ or modify\$ or adjust\$) with (pattern or profile) ) and 606/4-6.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 22:12
S83	1	"20040111083".did. and scan\$	US-PGPUB; USPAT	ADJ	ON	2009/06/25 22:16
S84	0	"20040111083".did. and (deflect\$)	US-PGPUB; USPAT	ADJ	ON	2009/06/25 22:21
S85	0	128/898.ccls. and laser and ((femtosecond or fs) with (oscillator or resonator))	US-PGPUB; USPAT	ADJ	ON	2009/06/25 22:27
S86	927	laser and ((femtosecond or fs) with (oscillator or resonator))	US-PGPUB; USPAT	ADJ	ON	2009/06/25 22:28
S87	0	laser and ((femtosecond or fs) with (oscillator or resonator)) and 128/898.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/25 22:28
S88	1	"6964659".pn. and spot size	US-PGPUB; USPAT	ADJ	ON	2009/06/29 08:42
S89	115	(repetition with rate) same (pattern or profile) and 606/4-6. ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/29 08:49
S90	38	((repetition with rate) same (change or relation\$ or vary\$ or modify\$ or adjust\$) same (pattern or profile) ) and 606/4-6. ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/29 08:50
S91	1	"4,409,979".pn. and repetition	US-PGPUB; USPAT	ADJ	ON	2009/06/29 08:52
S92	0	"6333485".pn. and opto \$	US-PGPUB; USPAT	ADJ	ON	2009/06/29 09:09
S93	1	"6333485".pn. and optic \$	US-PGPUB; USPAT	ADJ	ON	2009/06/29 09:09
S94	0	JP-1126786-\$.DID.	JPO; DERWENT	ADJ	ON	2009/06/29 09:30
S95	2	US-5520679-\$.DID.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/06/29 09:30

S96	6	US-6623476-\$.D.ID. OR US-4901718-\$.D.ID. OR US-5984916-\$.D.ID. OR US-4907586-\$.D.ID. OR US-6325792-\$.D.ID. OR US-6146375-\$.D.ID.	US-PGPUB; USPAT	ADJ	ON	2009/06/29 09:30
S97	5	US-5656186-\$.D.ID. OR US-6290695-\$.D.ID. OR US-5520679-\$.D.ID. OR US-5870421-\$.D.ID. OR US-4646308-\$.D.ID.	US-PGPUB; USPAT	ADJ	ON	2009/06/29 09:31
S98	9	((MICHAEL) near2 (BERGTT)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/06/29 09:32
S99	35	((MANFRED) near2 (DICK)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/06/29 09:32
S100	52	cavity with dump\$ with oscillator	US-PGPUB; USPAT	ADJ	ON	2009/07/01 01:12
S101	6	S100 same femto\$8	US-PGPUB; USPAT	ADJ	ON	2009/07/01 01:13
S102	94	cavity with dump\$ same oscillator	US-PGPUB; USPAT	ADJ	ON	2009/07/01 01:14
S103	11	cavity with dump\$ same oscillator same femto\$8	US-PGPUB; USPAT	ADJ	ON	2009/07/01 01:14
S104	1	"6573026".pn. and cavity with dump\$	US-PGPUB; USPAT	ADJ	ON	2009/07/01 01:22
S105	5	US-5656186-\$.D.ID. OR US-6290695-\$.D.ID. OR US-5520679-\$.D.ID. OR US-5870421-\$.D.ID. OR US-4646308-\$.D.ID.	US-PGPUB; USPAT	ADJ	ON	2009/07/01 09:47
S106	7	(cavity?dumped or cavity dumped) same oscillator same femto\$8	US-PGPUB; USPAT	ADJ	ON	2009/07/01 09:48
S107	11	(cavity?dump\$ or cavity dump\$) same oscillator same femto\$8	US-PGPUB; USPAT	ADJ	ON	2009/07/01 09:50

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